

**FIG. 1**

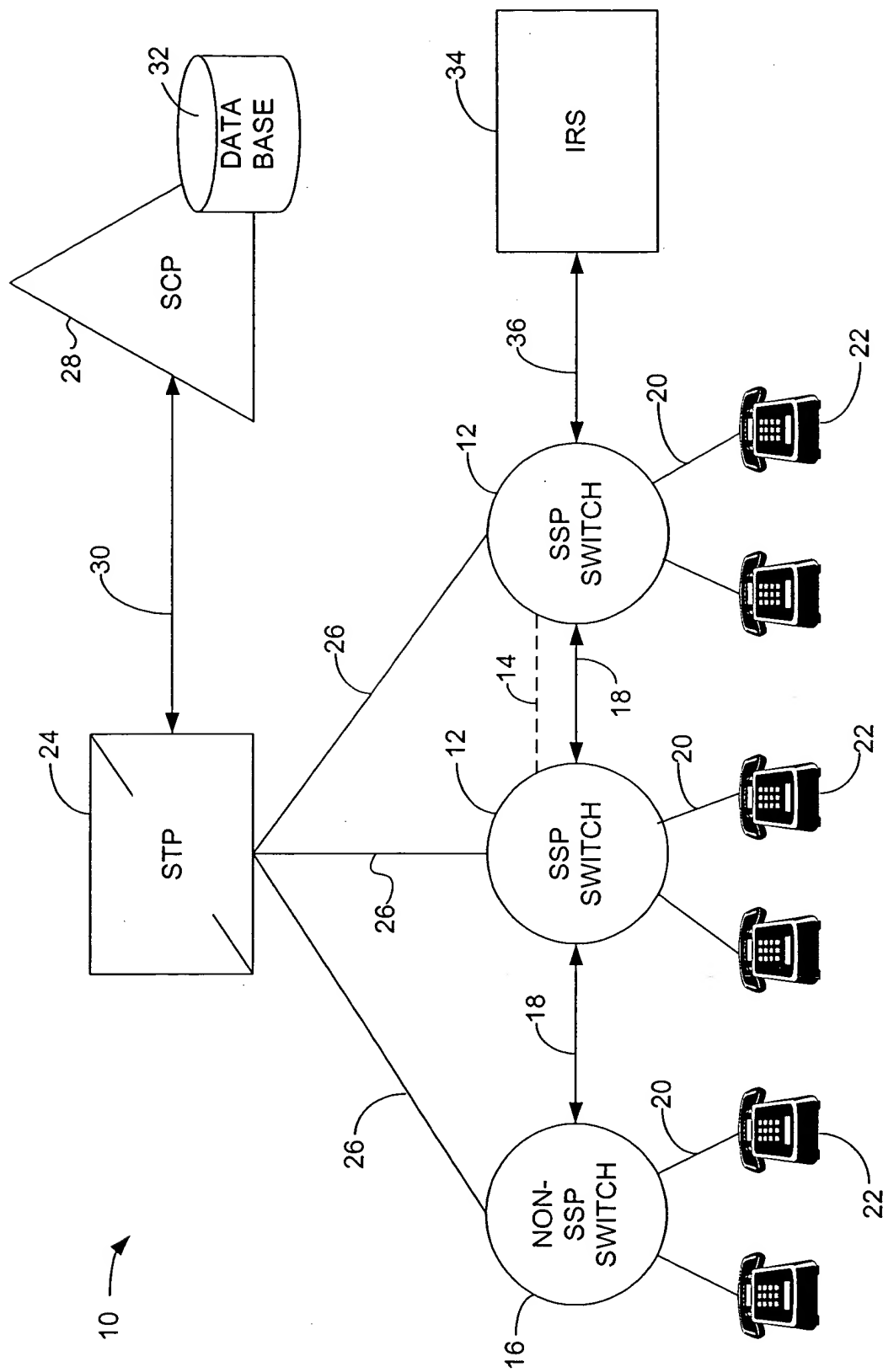
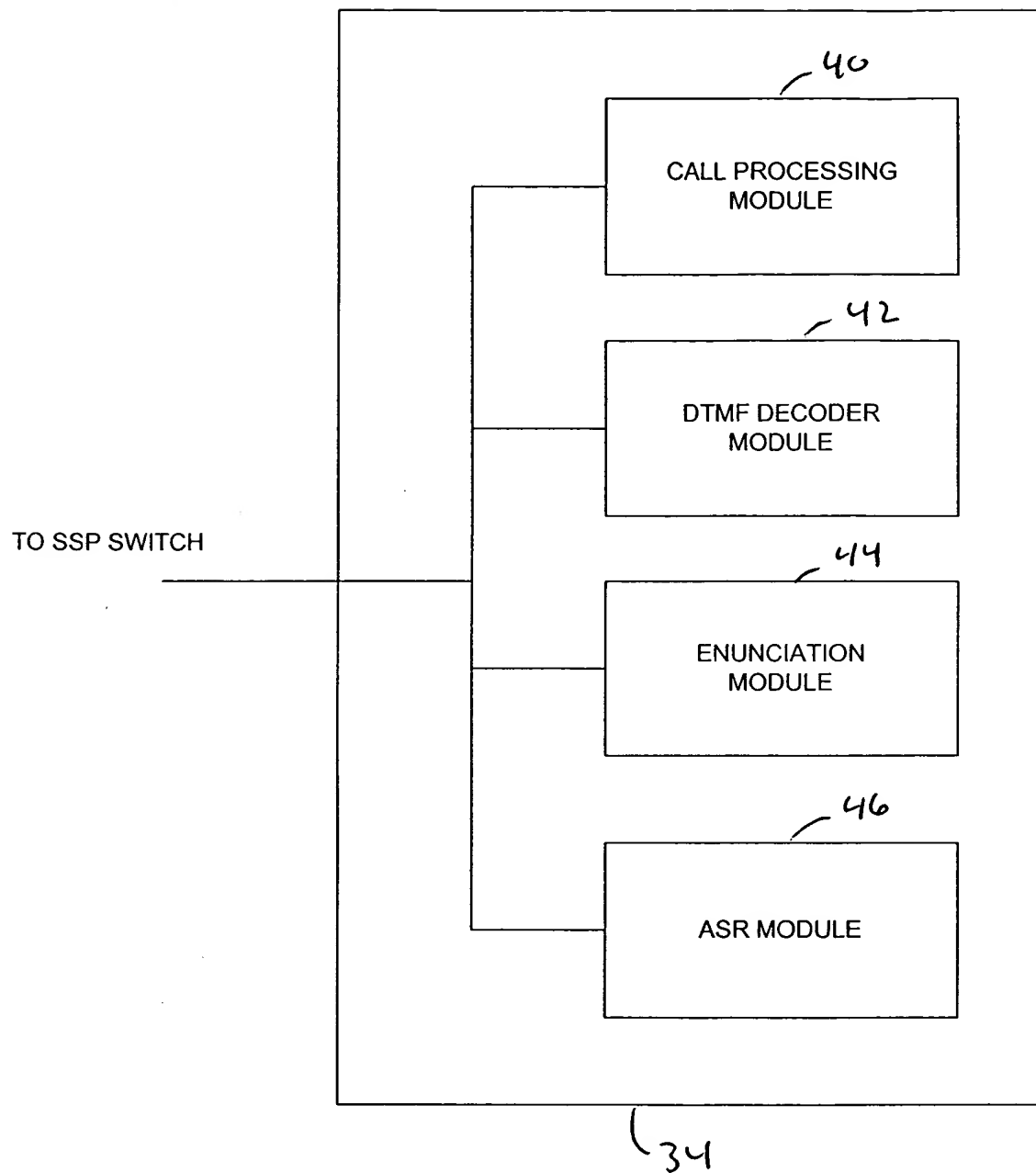
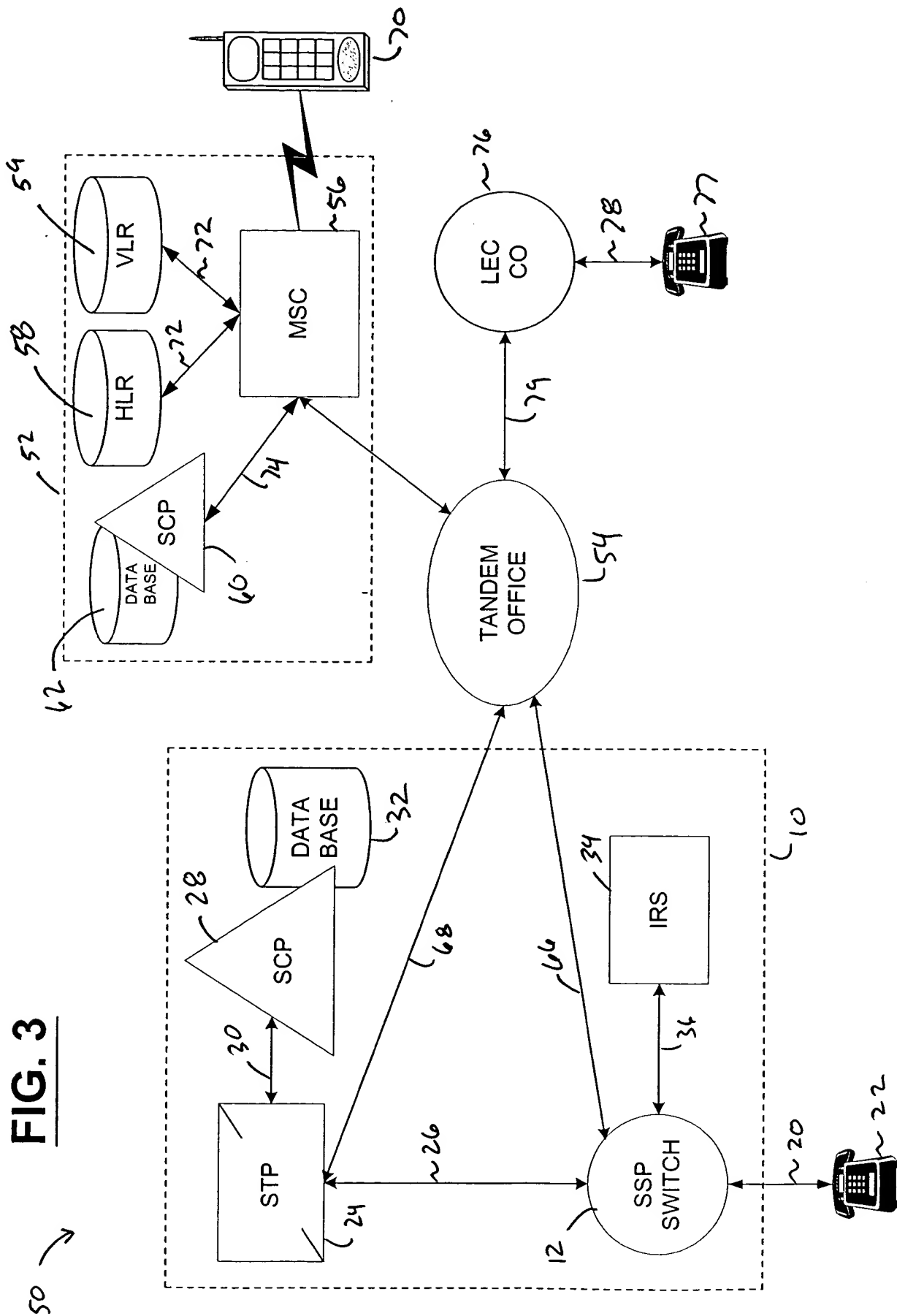


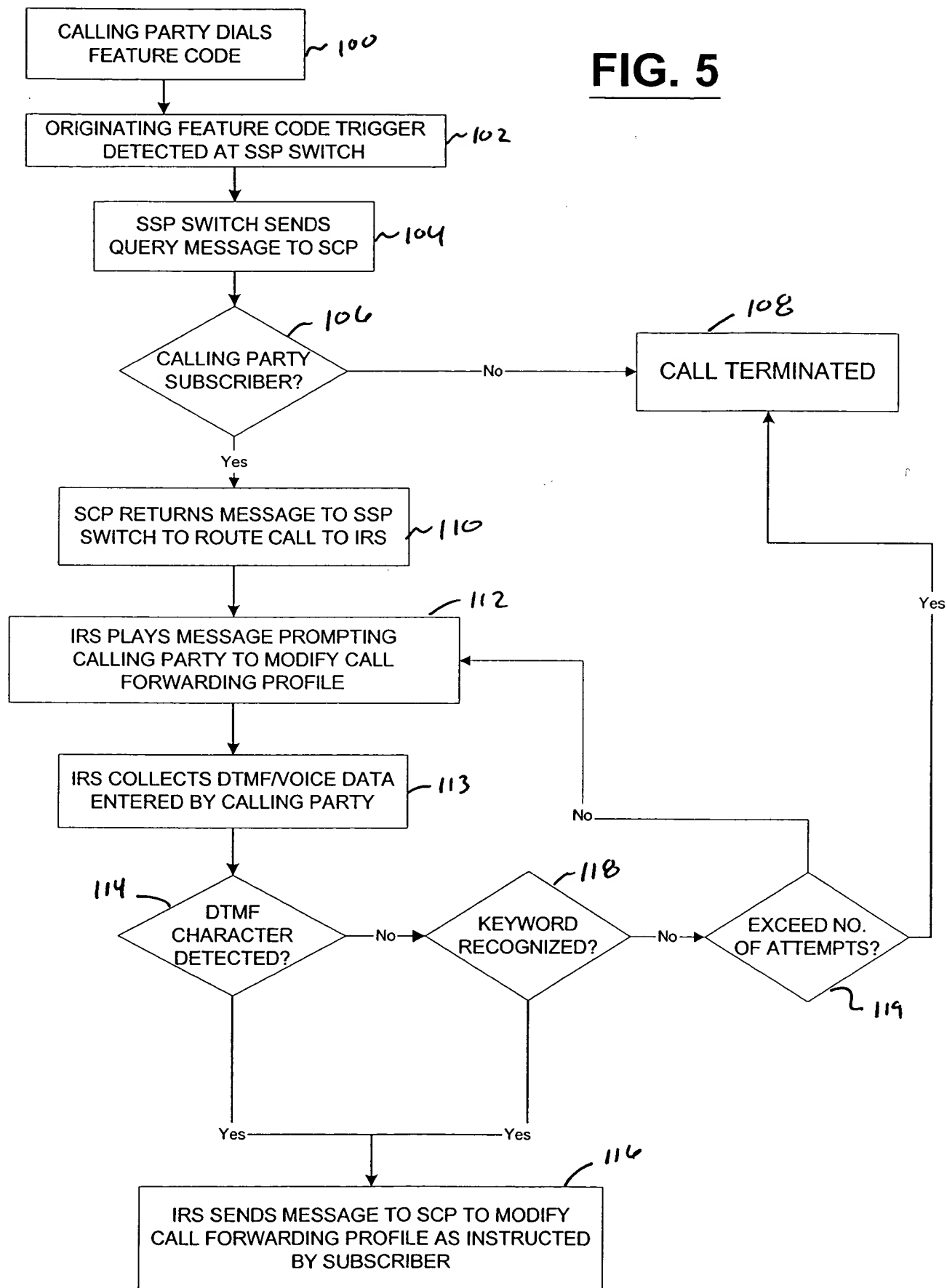
FIG. 2



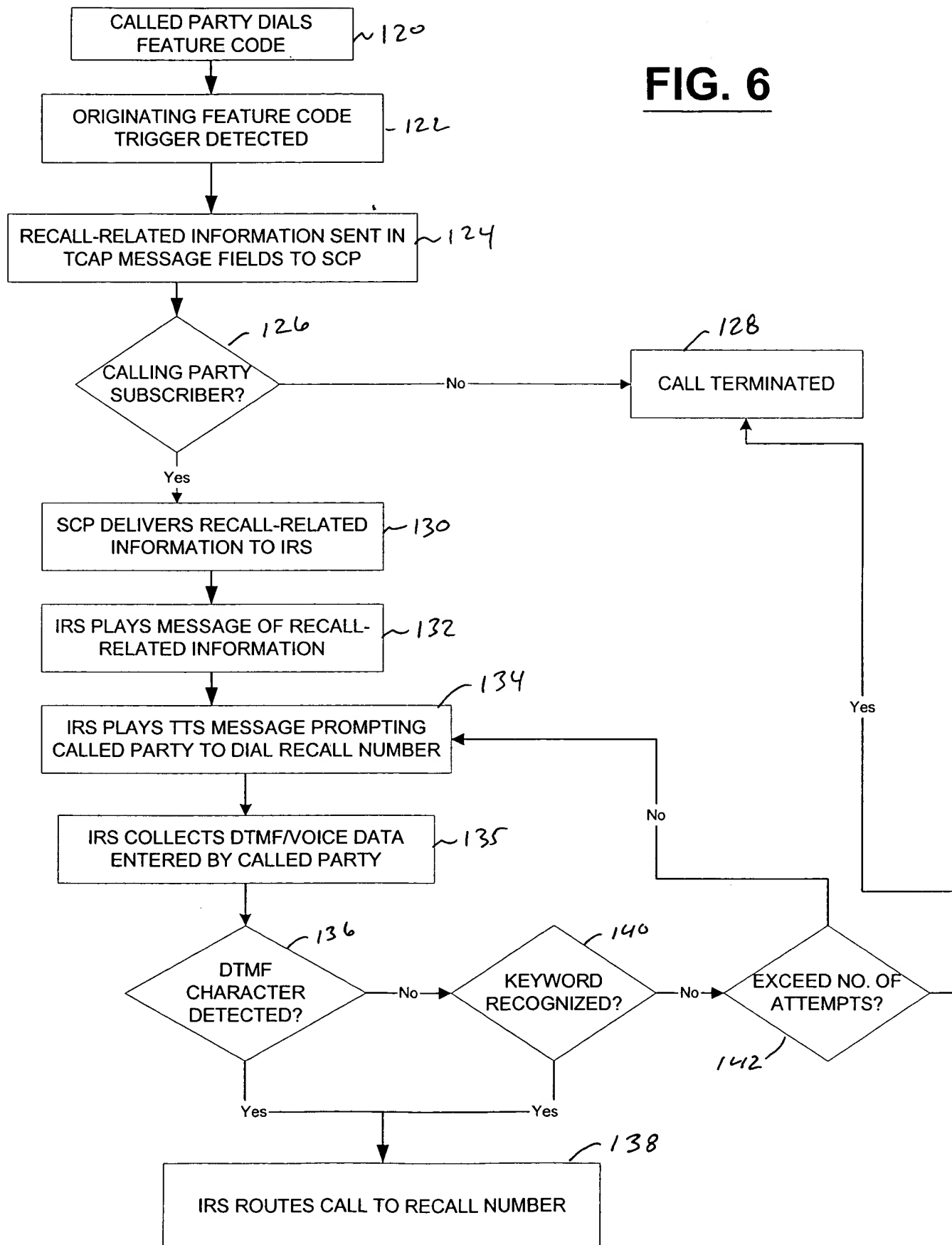
**FIG. 3**





[illegible]

**FIG. 5**



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graph TD
    150[CALLING PARTY WITH BLOCKED OR UNKNOWN NUMBER PLACES CALL TO CALLED PARTY] --> 152[SSP SWITCH SENDS QUERY TO SCP]
    152 --> 154{CALLED PARTY SUBSCRIBER?}
    154 -- No --> 156[SCP RETURNS MESSAGE TO SSP SWITCH WITH INSTRUCTIONS TO APPLY CONVENTIONAL TELEPHONE SERVICE]
    154 -- Yes --> 158[SCP RETURNS MESSAGE TO SSP SWITCH TO ROUTE CALL TO IRS]
    158 --> 160[IRS ACCEPTS CALL AND PLAYS MESSAGE FOR CALLING PARTY ANNOUNCING THAT CALL CANNOT BE COMPLETED UNLESS CALLING PARTY IDENTIFIES ITSELF]
    160 --> 162[IRS PLAYS TTS MESSAGE ASKING IF CALLING PARTY CHOOSES TO BE IDENTIFIED]
    162 --> 163[IRS COLLECTS DTMF/VOICE DATA FROM CALLING PARTY]
    163 --> 164{DTMF CHARACTER DETECTED?}
    164 -- Yes --> 166[CALL ROUTED TO CALLED PARTY]
    164 -- No --> 168{KEYWORD RECOGNIZED?}
    168 -- Yes --> 166
    168 -- No --> 169{EXCEED NO. OF ATTEMPTS?}
    169 -- Yes --> 170[CALL TERMINATED]
    169 -- No --> 162
  
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FIG. 7

